Protein I (N) Human Coronavirus OC43 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein I (N), Recombinant Protein
Full Product Name	Recombinant Human coronavirus OC43 Protein I (N)
Product Gene Name	N recombinant protein
Product Synonym Gene Name	N
Sequence	MASSSGPISP TSLEMFKPGV EELNPSKLLL LSNHQEGMLY PTILGSLELL SFKRERSLSL QKDKVCLLHQ ESQLLKLRGT GTDTTDVLLK QPMATSVNCC HDGIFTIWEQ DRMLKTSTAP ILTESTGSLA TRLMSIPRLT LSIGTQVAMR LFRLGFRLAR YSLRVTILKA QEGLLLIPDL LRAHPAEPLV QDRAVEPILA IEPPPLV
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	22,895 Da
Sequence Positions	1-207. Full Length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q4VID0
Species	Human coronavirus OC43 (HCoV-OC43)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for N recombinant protein	MBS1294787 is a recombinant protein targeting N. Also known as Recombinant Human coronavirus OC43 Protein I (N). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of N recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for N. It may not necessarily be applicable to this product.

NCBI GI #	82043163
NCBI Accession #	Q4VID0.1
UniProt Primary Accession #	Q4VID0
UniProt Secondary Accession #	Q6TNF4
NCBI Official Full Name	Protein I
UniProt Protein Name	Protein I

UniProt Synonym Protein Names	Accessory protein N2; N internal ORF protein; IORF; Protein in nucleocapsid ORF
UniProt Gene Name	N
UniProt Synonym Gene Names	I; IORF
UniProt Comments for N	Structural protein that is not essential for the viral replication either in tissue culture or in its natural host.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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